

CLAIMS:

What is claimed is:

1. A wood additive thermoset composite comprising:
at least about 50% of wood material present by weight of the composite; and
at least one thermosetting resin material present substantially accounting for the
remaining weight of the composite.
2. A composite according to claim 1, wherein at least one thermosetting composite resin
is polyester.
3. A composite according to claim 1, wherein at least one wood material is selected
from a mesh amount of 20 mesh, 40 mesh, and 60 mesh.
4. A composite according to claim 1, wherein at least one additive material is a catalyst.
5. A composite according to claim 1, wherein at least one additive material is a dye.
6. A method for formulating a wood additive thermoset composite comprising the steps
of:
laying a first layer of a thermosetting resin;
distributing wood flour onto the first layer of the thermosetting resin;
laying a second layer of the thermosetting resin over the wood flour; and
wherein the wood flour is at least about 50% by weight of the composite.
7. A method according to claim 6 further including the steps of:
squeezing the first and second layers of the thermosetting resin together.
8. A method according to claim 6 wherein the first layer of the thermosetting resin is a
continuous layer.

9. A method according to claim 6 wherein the first layer of the thermosetting resin is provided by a doctor box.

10. A method of molding an apparatus using a wood additive thermoset composite (WATC) comprising the steps of:

providing a composite including thermosetting resin with a wood flour content, wherein the wood flour content is at least about 50% by weight of the composite;

placing a predetermined portion of the composite into a mold to make an apparatus;

heating the predetermined portion of the composite;

pressuring the predetermined portion of the composite; and

curing the predetermined portion of the composite within the mold to achieve resin in a catalyst cross-link state.

11. A method according to claim 10 further including the steps of:

removing the apparatus from the mold; and

de-flashing the apparatus.

12. A method according to claim 10 wherein the apparatus is a speaker cabinet.

aga
#27

aga
B47